



# Air Quality System Conference

Clearwater Beach, Florida

May 25, 2004



# Focus on Performance



*"Government likes to begin things - to declare grand new programs and causes. But good beginnings are not the measure of success. What matters in the end is completion. Performance. Results. Not just making promises, but making good on promises."*

- President George W. Bush



# Before Portal Implementation

## Data from 1982 to 2001...

**AirData**

**Monitor Data Queries**

**Interim Database**

The AQS Interim database contains air quality data that has been extracted from the production AQS database that resides on the EPA IBM mainframe. This interim database contains air quality data for the sites and monitors that existed in the mainframe database as of 12/19/2001. The types of data in this database are listed as the query types on the query page. The following years are available:

Annual Summary Data      Years 1982 - 2001

A public version of the re-engineered AQS database will replace the interim database when the new AQS system database is complete. Conversion of all the data from the old system to the new system is projected to be complete during the fall of 2002. The new database will be different from the interim database; it will contain additional data types and will include changes to the data types that exist in the interim database. Therefore, any front-end tools you may use to access this database may have to be modified when the new database is implemented.

As you use this data, if you notice any data problems that may indicate that the data was not converted properly, please provide that information by sending a comment to EPA.

User Name:

Password:

[LOGIN](#)

## Data for 2002 on...

**AirData**

**Monitor Data Queries**

**AQS Query**

The query portion of the [AirData](#) area gives users the ability to obtain data from the AQS AQS data tables and descriptive code tables that have been exported into the [interim database](#). You may view the results on-line, save them to an ASCII file, or both. The queries allow you to select portions of the data geographically, by pollutants (or parameters), and temporally. There is currently limited ability to join information from multiple tables other than what we have provided. You should be aware that this query section is intended for those persons who are familiar with ambient air quality monitoring and with air quality monitoring data. If you would like information derived from data that have already been analyzed, you may want to look at other links from the [AirData](#) page.

The queries have been categorized either as [Air Quality Tables](#), [Reference Query Tables](#), or [Reference Tables](#). A brief description of each table in this category is shown below. To begin a query, click on the query section name.

[Air Quality Tables](#)   [Reference Query Tables](#)   [Reference Tables](#)

User Name:

Password:

[LOGIN](#)

- ✗ Multiple independent systems
- ✗ Data cannot be compared easily on-screen
- ✗ Users must understand capabilities and limitations of all systems
- ✗ Data sorted, integrated, and analyzed by hand
- ✗ No coordinated security
- ✗ Multiple Sign-Ons
- ✗ Data flows into Agency are uncoordinated
- ✗ Limited data consistency across systems
- ✗ Registries do not enforce active metadata management



# Benefits of Portal Implementation



December 3, 2003

Welcome, Debbie Dietrich, to the U.S. Environmental Protection Agency's Portal. Personalize | Logout

**Resources** **Response** **Program** **Projects** **On The Hill** **Communications**

**Emergency Response Analyzer**

**Risk/Health Effects**

**IRIS**  
Integrated Risk Information System

Select a substance

☐ Full IRIS Summary ☐ QuickView

**Contacts**

**EPCRA Call Center**

National Toll Free:  
(800) 424-9346 [Call Now](#)

Washington, DC Area:  
(703) 412-9610 [Call Now](#)

TDD:  
(800) 553-7672 [Call Now](#)

**LEPC**

To find the LEPC whose jurisdiction covers your zip code, enter below:

[Start Search](#)

**Emergency Response Preparedness vs. Budget**

Year	2000	2001	2002	2003	2004	2005
Total	\$17,874	\$17,814	\$18,174	\$18,742	\$18,100	\$18,100
Personnel	\$17,874	\$17,814	\$18,174	\$18,742	\$18,100	\$18,100
Other	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$17,874	\$17,814	\$18,174	\$18,742	\$18,100	\$18,100

**Emergency Data Submission**

Please Select an Option

☐ Upload a File

☐ Enter Data Online

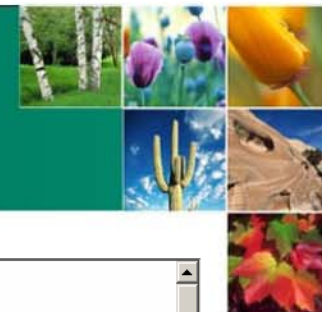
[Continue](#)

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- ☑ One stop for sending and receiving data
- ☑ Integrated access to all data sources and applications
- ☑ Dynamic and static reporting capabilities
- ☑ Intuitive, easy to use interfaces
- ☑ Meets eGov, eSignature, EA and other government IT initiatives
- ☑ Secured access to the agency for doing business efficiently



# States Data Integration



## Pacific Northwest Water Quality Exchange

Demonstration Version

### Data Sources

Organization ID	Name	Contact	Telephone Number
<b>Idaho-DEQ</b>	State of Idaho, Department of Environmental Quality 1410 North Hilton, Boise, Idaho 83706	Jake Duplessie	208-373-0161
<b>OregonDEQ</b>	Oregon Department of Environmental Quality 811 SW 6th Ave, Portland, OR 97204	Curtis Cude	503-229-6086
<b>WADOE</b>	Washington State Department of Ecology P.O. Box 47600, Olympia, WA 98504-7600	Chris Neumiller / EIM Data Coordinator	360-407-6258

Projects (4)

Locations (12)

Results (900)

Refine Search | New Search

Page 1 of 1 | Go to 1 page

Provider	Station Identifier	Station Name	Station Type	Map	Well
OregonDEQ	10410	Wallowa River at Minam	StreamorRiver		
OregonDEQ	11457	Minam River at Minam	StreamorRiver		
OregonDEQ	13000	Wallowa River @ Wallowa STP Outfall	StreamorRiver		
OregonDEQ	13004	Wallowa River @ Enterprise STP Outfall	StreamorRiver		
OregonDEQ	13008	Trout Creek @ Mouth	StreamorRiver		
WADOE	4154911	ALPOWA CREEK 4	StreamorRiver		
WADOE	6482911	NORTH DEADMAN CREEK	StreamorRiver		
WADOE	8093911	PATAHA CREEK 2	StreamorRiver		
WADOE	8152911	LOWER DEADMAN CREEK	StreamorRiver		
WADOE	8534911	ALPOWA CREEK 2	StreamorRiver		
Idaho-DEQ	ID10425	COTTONWOOD WATER DEPT	Groundwater		
Idaho-DEQ	ID4989	GENESEE CITY OF	Other		

0  
300

# *EPA's Exchange Network Grant Funding Program*



2004 Grants – goal is to fund strategic, highly visible, innovative and successful projects that will result in an operational Exchange Network and maintain stakeholder support.

- OEI is working with its Network partners
- Final guidance will be published in October
- The focus and result of the grants needs to be an operational Exchange Network



# *State's/EPA's Exchange Network Grant Funding Program*



All Exchange Partners should:

- Identify what data they need for their business
- Work with your state and regional and headquarters to identify your common business needs
- Ask for technical assistance whenever possible
- Follow through on commitments and goals and increase accountability







Contact Information:

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**Assistant Administrator and Chief Information Officer**

**Office of Environmental Information**

**U.S. Environmental Protection Agency**

